

Amendments to the Claims

Claims 1-6 (cancelled).

Claim 7 (previously presented): A compound of Formula I:



wherein

A is a radical selected from the group consisting of thieryl, furanone, isoxazolyl, pyrazolyl, cyclopentenyl and pyridinyl;

R¹ is cyclohexyl, pyridinyl, or phenyl, wherein said cyclohexyl, pyridinyl, and phenyl is optionally substituted with one, two or three radicals selected from the group consisting of C₁₋₂-alkyl, C₁₋₂-haloalkyl, cyano, carboxyl, C₁₋₂-alkoxycarbonyl, hydroxyl, C₁₋₂-hydroxyalkyl, C₁₋₂-haloalkoxy, amino, C₁₋₂-alkylamino, phenylamino, nitro, C₁₋₂-alkoxy-C₁₋₂-alkyl, C₁₋₂-alkylsulfinyl, halo, C₁₋₂-alkoxy and C₁₋₃-alkylthio;

R² is methyl or amino; and

R³ represents one or more radicals selected from the group consisting of hydrido, halo, C₁₋₂-alkyl, C₂₋₃-alkenyl, C₂₋₃-alkynyl, oxo, cyano, carboxyl, cyano-C₁₋₃-alkyl, (5- or 6- member ring heterocycl)oxy, C₁₋₃-alkoxy, C₁₋₃-alkylthio, C₁₋₃-alkylcarbonyl, C₃₋₆-cycloalkyl, phenyl, C₁₋₃-haloalkyl, 5- or 6- member ring heterocycl, C₃₋₆-cycloalkenyl, phenyl-C₁₋₃-alkyl, (5- or 6- member ring heterocycl)-C₁₋₃-alkyl, C₁₋₃-alkylthio-C₁₋₃-alkyl, C₁₋₃-hydroxyalkyl, C₁₋₃-

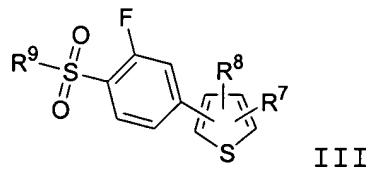
alkoxycarbonyl, phenylcarbonyl, phenyl-C₁₋₃-alkylcarbonyl, phenyl-C₂₋₃-alkenyl, C₁₋₃-alkoxy-C₁₋₃-alkyl, phenylthio-C₁₋₃-alkyl, phenoxy-C₁₋₃-alkyl, C₁₋₃-alkoxyphenyl-C₁₋₃-alkoxy-C₁₋₃-alkyl, C₁₋₃-alkoxycarbonyl-C₁₋₃-alkyl, aminocarbonyl, aminocarbonyl-C₁₋₃-alkyl, C₁₋₃-alkylaminocarbonyl, N-phenylaminocarbonyl, N-(C₁₋₃-alkyl)-N-phenylaminocarbonyl, C₁₋₃-alkylaminocarbonyl-C₁₋₃-alkyl, carboxy-C₁₋₃-alkyl, C₁₋₃-alkylamino, N-phenylamino, N-(phenyl-C₁₋₃-alkyl)amino, N-(C₁₋₃-alkyl)-N-(phenyl-C₁₋₃-alkyl)amino, N-(C₁₋₃-alkyl)-N-phenylamino, amino-C₁₋₃-alkyl, C₁₋₃-alkylamino-C₁₋₃-alkyl, N-phenylamino-C₁₋₃-alkyl, N-phenyl-C₁₋₃-alkylamino-C₁₋₃-alkyl, N-(C₁₋₃-alkyl)-N-phenyl-C₁₋₃-alkylamino-C₁₋₃-alkyl, N-(C₁₋₃-alkyl)-N-phenylamino-C₁₋₃-alkyl, phenoxy, phenyl-C₁₋₃-alkoxy, phenylthio, phenyl-C₁₋₃-alkylthio, C₁₋₃-alkylsulfinyl, C₁₋₃-alkylsulfonyl, aminosulfonyl, C₁₋₃-alkylaminosulfonyl, N-phenylaminosulfonyl, phenylsulfonyl, and N-(C₁₋₃-alkyl)-N-phenylaminosulfonyl;

or a pharmaceutically-acceptable salt, tautomer or prodrug thereof;

provided that when R¹ is 4-bromophenyl: (a) A is not pyrazolyl when R² is methyl and R³ is hydrogen, cyano, trifluoromethyl or ethoxycarbonyl; (b) A is not isoxazolyl when R³ is methyl; and (c) A is not 2-furanonyl when R³ is hydrogen.

Claims 8-30 (cancelled).

Claim 31 (previously presented): A compound of Formula III:



wherein:

R^7 is cyclohexyl, pyridinyl, or phenyl, wherein said cyclohexyl, pyridinyl, and phenyl is optionally substituted with one, two or three radicals selected from the group consisting of C_{1-2} -alkyl, C_{1-2} -haloalkyl, cyano, carboxyl, C_{1-2} -alkoxycarbonyl, hydroxyl, C_{1-2} -hydroxyalkyl, C_{1-2} -haloalkoxy, amino, C_{1-2} -alkylamino, phenylamino, nitro, C_{1-2} -alkoxy- C_{1-2} -alkyl, C_{1-2} -alkylsulfinyl, halo, C_{1-2} -alkoxy and C_{1-3} -alkylthio;

R^8 is a radical selected from the group consisting of hydrido, halo, C_{1-2} -alkyl, C_{2-3} -alkenyl, C_{2-3} -alkynyl, oxo, cyano, carboxyl, cyano- C_{1-3} -alkyl, heterocyclyloxy, C_{1-3} -alkoxy, C_{1-3} -alkylthio, alkylcarbonyl, cycloalkyl, phenyl, C_{1-3} -haloalkyl, heterocyclyl, cycloalkenyl, phenyl- C_{1-3} -alkyl, heterocyclyl- C_{1-3} -alkyl, C_{1-3} -alkylthio- C_{1-3} -alkyl, C_{1-3} -hydroxyalkyl, C_{1-3} -alkoxycarbonyl, phenylcarbonyl, phenyl- C_{1-3} -alkylcarbonyl, phenyl- C_{2-3} -alkenyl, C_{1-3} -alkoxy- C_{1-3} -alkyl, phenylthio- C_{1-3} -alkyl, phenyloxyalkyl, alkoxyphenylalkoxyalkyl, alkoxy carbonylalkyl, aminocarbonyl, aminocarbonyl- C_{1-3} -alkyl, C_{1-3} -alkylaminocarbonyl, N-phenylaminocarbonyl, N-(C_{1-3} -alkyl)-N-phenylaminocarbonyl, C_{1-3} -alkylaminocarbonyl- C_{1-3} -alkyl, carboxy- C_{1-3} -alkyl, C_{1-3} -alkylamino, N-aryl amino, N-aralkylamino, N-(C_{1-3} -alkyl)-N-aralkylamino, N-(C_{1-3} -alkyl)-N-aryl amino, amino- C_{1-3} -alkyl, C_{1-3} -alkylaminoalkyl, N-

phenylamino-C₁₋₃-alkyl, N-phenyl-C₁₋₃-alkylaminoalkyl, N-(C₁₋₃-alkyl)-N-(phenyl-C₁₋₃-alkyl)amino-C₁₋₃-alkyl, N-(C₁₋₃-alkyl)-N-phenylamino-C₁₋₃-alkyl, phenoxy, phenylalkoxy, phenylthio, phenyl-C₁₋₃-alkylthio, C₁₋₃-alkylsulfinyl, C₁₋₃-alkylsulfonyl, aminosulfonyl, C₁₋₃-alkylaminosulfonyl, N-phenylaminosulfonyl, phenylsulfonyl, and N-(C₁₋₃-alkyl)-N-phenylaminosulfonyl; and

R⁹ is methyl or amino; or

a pharmaceutically-acceptable salt, tautomer or prodrug thereof.

Claim 32 (previously presented): Compound of Claim 31 wherein:

R⁷ is cyclohexyl, pyridinyl, or phenyl, wherein said cyclohexyl, pyridinyl, and phenyl is optionally substituted with one, two or three radicals selected from the group consisting of C₁₋₂-alkyl, C₁₋₂-haloalkyl, cyano, carboxyl, C₁₋₂-alkoxycarbonyl, hydroxyl, C₁₋₂-hydroxyalkyl, C₁₋₂-haloalkoxy, amino, C₁₋₂-alkylamino, phenylamino, nitro, C₁₋₂-alkoxy-C₁₋₂-alkyl, C₁₋₂-alkylsulfinyl, halo, C₁₋₂-alkoxy and C₁₋₃-alkylthio;

R⁸ is a radical selected from the group consisting of hydrido, halo, C₁₋₂-alkyl, C₂₋₃-alkenyl, C₂₋₃-alkynyl, oxo, cyano, carboxyl, cyano-C₁₋₃-alkyl, (5- or 6- member ring heterocycl)oxy, C₁₋₃-alkoxy, C₁₋₃-alkylthio, C₁₋₃-alkylcarbonyl, C₃₋₆-cycloalkyl, phenyl, C₁₋₃-haloalkyl, 5- or 6- member ring heterocycl, C₃₋₆-cycloalkenyl, phenyl-C₁₋₃-alkyl, (5- or 6- member ring heterocycl)-C₁₋₃-alkyl, C₁₋₃-alkylthio-C₁₋₃-alkyl, C₁₋₃-hydroxyalkyl, C₁₋₃-alkoxycarbonyl,

phenylcarbonyl, phenyl-C₁₋₃-alkylcarbonyl, phenyl-C₂₋₃-alkenyl, C₁₋₃-alkoxy-C₁₋₃-alkyl, phenylthio-C₁₋₃-alkyl, phenoxy-C₁₋₃-alkyl, C₁₋₃-alkoxyphenyl-C₁₋₃-alkoxy-C₁₋₃-alkyl, C₁₋₃-alkoxycarbonyl-C₁₋₃-alkyl, aminocarbonyl, aminocarbonyl-C₁₋₃-alkyl, C₁₋₃-alkylaminocarbonyl, N-phenylaminocarbonyl, N-(C₁₋₃-alkyl)-N-phenylaminocarbonyl, C₁₋₃-alkylaminocarbonyl-C₁₋₃-alkyl, carboxy-C₁₋₃-alkyl, C₁₋₃-alkylamino, N-phenylamino, N-(phenyl-C₁₋₃-alkyl)amino, N-(C₁₋₃-alkyl)-N-(phenyl-C₁₋₃-alkyl)amino, N-(C₁₋₃-alkyl)-N-phenylamino, amino-C₁₋₃-alkyl, C₁₋₃-alkylamino-C₁₋₃-alkyl, N-phenylamino-C₁₋₃-alkyl, N-phenyl-C₁₋₃-alkylamino-C₁₋₃-alkyl, N-(C₁₋₃-alkyl)-N-phenyl-C₁₋₃-alkylamino-C₁₋₃-alkyl, N-(C₁₋₃-alkyl)-N-phenylamino-C₁₋₃-alkyl, phenoxy, phenyl-C₁₋₃-alkoxy, phenylthio, phenyl-C₁₋₃-alkylthio, C₁₋₃-alkylsulfinyl, C₁₋₃-alkylsulfonyl, aminosulfonyl, C₁₋₃-alkylaminosulfonyl, N-phenylaminosulfonyl, phenylsulfonyl, and N-(C₁₋₃-alkyl)-N-phenylaminosulfonyl; and

R⁹ is methyl or amino; or
a pharmaceutically-acceptable salt, tautomer or prodrug thereof.

Claims 33-34 (cancelled).

Claim 35 (original): Compound of Claim 32 wherein R⁷ is optionally substituted phenyl.

Claim 36 (previously presented): Compound of Claim 32 wherein R⁷ is cyclohexyl, pyridinyl, or phenyl, wherein said cyclohexyl, pyridinyl, and phenyl is optionally substituted

with one, two or three radicals selected from the group consisting of methyl, difluoromethyl, trifluoromethyl, cyano, carboxyl, methoxycarbonyl, hydroxyl, hydroxymethyl, trifluoromethoxy, amino, methylamino, phenylamino, nitro, methoxymethyl, methylsulfinyl, fluoro, chloro, bromo, methoxy and methylthio.

Claim 37 (previously presented): Compound of Claim 32 wherein R⁸ is a radical selected from the group consisting of hydrido, fluoro, chloro, bromo, methyl, oxo, cyano, carboxyl, cyanomethyl, methoxy, methylthio, methylcarbonyl, phenyl, trifluoromethyl, difluoromethyl, phenylmethyl, methylthiomethyl, hydroxymethyl, methoxycarbonyl, ethoxycarbonyl, phenylcarbonyl, phenylmethylcarbonyl, methoxymethyl, phenylthiomethyl, phenyloxymethyl, methoxyphenylmethoxymethyl, methoxycarbonylmethyl, aminocarbonyl, aminocarbonylmethyl, methylaminocarbonyl, N-phenylaminocarbonyl, N-methyl-N-phenylaminocarbonyl, methylaminocarbonylmethyl, carboxymethyl, methylamino, N-phenylamino, N-(phenylmethyl)amino, N-methyl-N-(phenylmethyl)amino, N-methyl-N-phenylamino, aminomethyl, methylaminomethyl, N-phenylaminomethyl, N-phenylmethylaminomethyl, N-methyl-N-phenylmethylaminomethyl, N-methyl-N-phenylaminomethyl, phenyloxy, phenylmethoxy, phenylthio, phenylmethylthio, methylsulfinyl, methylsulfonyl, aminosulfonyl, methylaminosulfonyl, N-phenylaminosulfonyl, phenylsulfonyl, and N-methyl-N-phenylaminosulfonyl.

Claim 38 (previously presented): Compound of Claim 32
wherein:

R^7 is cyclohexyl or phenyl, wherein said cyclohexyl and phenyl is optionally substituted with one, two or three radicals selected from the group consisting of methyl, difluoromethyl, trifluoromethyl, cyano, carboxyl, methoxycarbonyl, hydroxyl, hydroxymethyl, trifluoromethoxy, amino, methylamino, phenylamino, nitro, methoxymethyl, methylsulfinyl, fluoro, chloro, bromo, methoxy and methylthio; and

R^8 is a radical selected from the group consisting of hydrido, fluoro, chloro, bromo, methyl, oxo, cyano, carboxyl, cyanomethyl, methoxy, methylthio, methylcarbonyl, phenyl, trifluoromethyl, difluoromethyl, phenylmethyl, methylthiomethyl, hydroxymethyl, methoxycarbonyl, ethoxycarbonyl, phenylcarbonyl, phenylmethylcarbonyl, methoxymethyl, phenylthiomethyl, phenoxyxymethyl, methoxyphenylmethoxymethyl, methoxycarbonylmethyl, aminocarbonyl, aminocarbonylmethyl, methylaminocarbonyl, N-phenylaminocarbonyl, N-methyl-N-phenylaminocarbonyl, methylaminocarbonylmethyl, carboxymethyl, methylamino, N-phenylamino, N-(phenylmethyl)amino, N-methyl-N-(phenylmethyl)amino, N-methyl-N-phenylamino, aminomethyl, methylaminomethyl, N-phenylaminomethyl, N-phenylmethylaminomethyl, N-methyl-N-phenylmethylaminomethyl, N-methyl-N-phenylaminomethyl, phenoxy, phenylmethoxy, phenylthio, phenylmethylthio, methylsulfinyl, methylsulfonyl, aminosulfonyl,

methylaminosulfonyl, N-phenylaminosulfonyl, phenylsulfonyl, and N-methyl-N-phenylaminosulfonyl.

Claim 39 (cancelled).

Claim 40 (previously presented): Compound of Claim 32
wherein:

R^7 is cyclohexyl or phenyl, wherein said cyclohexyl and phenyl is optionally substituted with one, two or three radicals selected from the group consisting of halo, cyano, C_{1-2} -alkyl, C_{1-2} -haloalkyl, C_{1-2} -alkoxy, and C_{1-2} -haloalkoxy; and

R^8 is a radical selected from the group consisting of hydrido, halogen, C_{1-2} -alkyl, C_{1-3} -alkoxy, C_{1-3} -alkylcarbonyl, C_{1-3} -haloalkyl, C_{1-3} -hydroxyalkyl, and C_{1-3} -alkoxycarbonyl.

Claim 41 (previously presented): Compound of Claim 32
wherein

R^7 is cyclohexyl or phenyl, wherein said cyclohexyl and phenyl is optionally substituted with one, two or three radicals selected from the group consisting of methyl, difluoromethyl, trifluoromethyl, trifluoromethoxy, cyano, fluoro, chloro, bromo, iodo and methoxy; and

R^8 is a radical selected from the group consisting of hydrido, chloro, fluoro, bromo, cyano, methyl, methoxy, methylcarbonyl, trifluoromethyl, difluoromethyl, hydroxymethyl, and methoxycarbonyl.

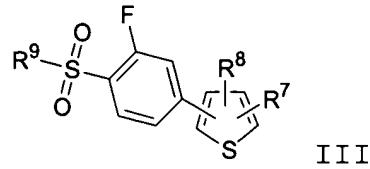
Claims 42-93 (cancelled).

Claim 94 (original): A pharmaceutical composition comprising a therapeutically-effective amount of a compound of Claim 31.

Claim 95 (previously presented): A pharmaceutical composition comprising a therapeutically-effective amount of a compound of Claim 7.

Claims 96-100 (cancelled).

Claim 101 (previously presented): A method of treating inflammation, said method comprising administering to the subject having or susceptible to such inflammation or inflammation-associated disorder, a therapeutically-effective amount of a compound of Formula III:



wherein:

R⁷ is cyclohexyl, pyridinyl, or phenyl, wherein said cyclohexyl, pyridinyl, and phenyl is optionally substituted with one, two or three radicals selected from the group consisting of C₁₋₂-alkyl, C₁₋₂-haloalkyl, cyano, carboxyl, C₁₋₂-alkoxycarbonyl, hydroxyl, C₁₋₂-hydroxyalkyl, C₁₋₂-haloalkoxy, amino, C₁₋₂-alkylamino, phenylamino, nitro, C₁₋₂-alkoxy-C₁₋₂-alkyl, C₁₋₂-alkylsulfinyl, halo, C₁₋₂-alkoxy and C₁₋₃-alkylthio;

R^8 is a radical selected from the group consisting of hydrido, halo, C_{1-2} -alkyl, C_{2-3} -alkenyl, C_{2-3} -alkynyl, oxo, cyano, carboxyl, cyano- C_{1-3} -alkyl, heterocyclyloxy, C_{1-3} -alkoxy, C_{1-3} -alkylthio, alkylcarbonyl, cycloalkyl, phenyl, C_{1-3} -haloalkyl, heterocyclyl, cycloalkenyl, phenyl- C_{1-3} -alkyl, heterocyclyl- C_{1-3} -alkyl, C_{1-3} -alkylthio- C_{1-3} -alkyl, C_{1-3} -hydroxyalkyl, C_{1-3} -alkoxycarbonyl, phenylcarbonyl, phenyl- C_{1-3} -alkylcarbonyl, phenyl- C_{2-3} -alkenyl, C_{1-3} -alkoxy- C_{1-3} -alkyl, phenylthio- C_{1-3} -alkyl, phenyloxyalkyl, alkoxyphenylalkoxyalkyl, alkoxy carbonylalkyl, aminocarbonyl, aminocarbonyl- C_{1-3} -alkyl, C_{1-3} -alkylaminocarbonyl, N-phenylaminocarbonyl, N-(C_{1-3} -alkyl)-N-phenylaminocarbonyl, C_{1-3} -alkylaminocarbonyl- C_{1-3} -alkyl, carboxy- C_{1-3} -alkyl, C_{1-3} -alkylamino, N-aryl amino, N-aralkylamino, N-(C_{1-3} -alkyl)-N-aralkylamino, N-(C_{1-3} -alkyl)-N-aryl amino, amino- C_{1-3} -alkyl, C_{1-3} -alkylaminoalkyl, N-phenylamino- C_{1-3} -alkyl, N-phenyl- C_{1-3} -alkylaminoalkyl, N-(C_{1-3} -alkyl)-N-(phenyl- C_{1-3} -alkyl)amino- C_{1-3} -alkyl, N-(C_{1-3} -alkyl)-N-phenylamino- C_{1-3} -alkyl, phenyloxy, phenylalkoxy, phenylthio, phenyl- C_{1-3} -alkylthio, C_{1-3} -alkylsulfinyl, C_{1-3} -alkylsulfonyl, aminosulfonyl, C_{1-3} -alkylaminosulfonyl, N-phenylaminosulfonyl, phenylsulfonyl, and N-(C_{1-3} -alkyl)-N-phenylaminosulfonyl; and

R^9 is methyl or amino; or
a pharmaceutically-acceptable salt, tautomer or prodrug thereof.

Claims 102-114 (cancelled).

Claim 115 (previously presented): The method of Claim 101 for use in the treatment of an inflammation-associated disorder.

Claim 116 (previously presented): The method of Claim 115 wherein the inflammation-associated disorder is arthritis.

Claim 117 (previously presented): The method of Claim 115 wherein the inflammation-associated disorder is pain.

Claim 118 (previously presented): The method of Claim 115 wherein the inflammation-associated disorder is fever.

Claim 119 (previously presented): A method of treating cancer, said method comprising administering to the subject having or susceptible to such cancer, a therapeutically-effective amount of a compound of Claim 101.

Claim 120 (previously presented): The method of Claim 119 wherein the compound is administered intravenously.

Claim 121 (previously presented): The method of Claim 119 wherein the compound is administered intramuscularly.

Claim 122 (previously presented): Compound of Claim 31 selected from the group consisting of
3-phenyl-4-[3-fluoro-4-(methylsulfonyl)phenyl]thiophene;

3- (3-chlorophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;
3- (4-chlorophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;
3- (3-bromophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;
3- (4-bromophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;
3- (3-fluorophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;
3- (4-fluorophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;
3- (3-methylphenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;
3- (4-methylphenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;
3- (3-cyanophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;
3- (4-cyanophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;
3- (3-trifluoromethylphenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;
3- (4-trifluoromethylphenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;
3- (3-trifluoromethoxyphenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;
3- (4-trifluoromethoxyphenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;

3- (3, 4-dichlorophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;

3- (3, 4-dibromophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;

3- (3, 4-difluorophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;

3- (3, 5-dichlorophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;

3- (3, 5-dibromophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;

3- (3, 5-difluorophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;

3- (3, 4-dimethylphenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;

3- (3, 5-dimethylphenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;

3- (3-methyl-4-chlorophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;

3- (4-methyl-3-chlorophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;

3- (3-methyl-4-fluorophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;

3- (4-methyl-3-fluorophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;

3- (3-methyl-4-bromophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;

3- (4-methyl-3-bromophenyl)-4- [3-fluoro-4-
(methylsulfonyl)phenyl]thiophene;

3 - (3-methyl-4-trifluoromethylphenyl)-4-[3-fluoro-4-(methylsulfonyl)phenyl]-thiophene;

3 - (4-methyl-3-trifluoromethylphenyl)-4-[3-fluoro-4-(methylsulfonyl)phenyl]-thiophene;

3 - (3-methyl-4-trifluoromethoxyphenyl)-4-[3-fluoro-4-(methylsulfonyl)phenyl]-thiophene;

3 - (4-methyl-3-trifluoromethoxyphenyl)-4-[3-fluoro-4-(methylsulfonyl)phenyl]-thiophene;

3 - (3-cyano-4-methylphenyl)-4-[3-fluoro-4-(methylsulfonyl)phenyl]thiophene;

3 - (4-cyano-3-methylphenyl)-4-[3-fluoro-4-(methylsulfonyl)phenyl]thiophene;

3 - (3-chloro-4-methoxyphenyl)-4-[3-fluoro-4-(methylsulfonyl)phenyl]thiophene;

3 - (4-chloro-3-methoxyphenyl)-4-[3-fluoro-4-(methylsulfonyl)phenyl]thiophene;

3 - (2-methylpyridin-6-yl)-4-[3-fluoro-4-(methylsulfonyl)phenyl]thiophene;

3 - (2-methylthiazol-4-yl)-4-[3-fluoro-4-(methylsulfonyl)phenyl]thiophene;

3 - (4-methylthiazol-2-yl)-4-[3-fluoro-4-(methylsulfonyl)phenyl]thiophene;

3 - (2-methylpyridin-3-yl)-4-[3-fluoro-4-(methylsulfonyl)phenyl]thiophene;

3 - (2-methylpyridin-3-yl)-4-[3-fluoro-4-(methylsulfonyl)phenyl]thiophene;

3 - (3-pyridinyl)-4-[3-fluoro-4-(methylsulfonyl)phenyl]thiophene;

3- (5-methylpyridin-3-yl) -4- [3-fluoro-4-
(methylsulfonyl) phenyl] thiophene;
3- (2-methylpyridin-3-yl) -4- [3-fluoro-4-
(methylsulfonyl) phenyl] thiophene;
3-cyclohexyl-4- [3-fluoro-4-
(methylsulfonyl) phenyl] thiophene;
3-cyclopentyl-4- [3-fluoro-4-
(methylsulfonyl) phenyl] thiophene;
2-fluoro-4- [4-phenyl-3-thiophenyl] benzenesulfonamide;
2-fluoro-4- [4- (3-chlorophenyl) -3-
thiophenyl] benzenesulfonamide;
2-fluoro-4- [4- (4-chlorophenyl) -3-
thiophenyl] benzenesulfonamide;
2-fluoro-4- [4- (3-bromophenyl) -3-
thiophenyl] benzenesulfonamide;
2-fluoro-4- [4- (4-bromophenyl) -3-
thiophenyl] benzenesulfonamide;
2-fluoro-4- [4- (3-fluorophenyl) -3-
thiophenyl] benzenesulfonamide;
2-fluoro-4- [4- (4-fluorophenyl) -3-
thiophenyl] benzenesulfonamide;
2-fluoro-4- [4- (3-methylphenyl) -3-
thiophenyl] benzenesulfonamide;
2-fluoro-4- [4- (4-methylphenyl) -3-
thiophenyl] benzenesulfonamide;
2-fluoro-4- [4- (3-cyanophenyl) -3-
thiophenyl] benzenesulfonamide;
2-fluoro-4- [4- (4-cyanophenyl) -3-
thiophenyl] benzenesulfonamide;

2-fluoro-4- [4- (3-trifluoromethylphenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (4-trifluoromethylphenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (3-trifluoromethoxyphenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (4-trifluoromethoxyphenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (3,4-dichlorophenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (3,4-dibromophenyl) -3-thiophenyl]benezenesulfonamide

2-fluoro-4- [4- (3,4-difluorophenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (3,5-dichlorophenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (3,5-dibromophenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (3,5-difluorophenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (3,4-dimethylphenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (3,5-dimethylphenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (3-methyl-4-chlorophenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (4-methyl-3-chlorophenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (3-methyl-4-fluorophenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (4-methyl-3-fluorophenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (3-methyl-4-bromophenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (4-methyl-3-bromophenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (3-methyl-4-trifluoromethylphenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (4-methyl-3-trifluoromethylphenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (3-methyl-4-trifluoromethoxyphenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (4-methyl-3-trifluoromethoxyphenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (3-cyano-4-methylphenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (4-cyano-3-methylphenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (3-chloro-4-methoxyphenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (4-chloro-3-methoxyphenyl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (2-methylpyridin-6-yl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4- [4- (2-methylthiazol-4-yl) -3-thiophenyl]benezenesulfonamide;

2-fluoro-4-[4-(4-methylthiazol-2-yl)-3-thiophenyl]benzenesulfonamide;

2-fluoro-4-[4-(2-methylpyridin-3-yl)-3-thiophenyl]benzenesulfonamide;

2-fluoro-4-[4-(2-methylpyridin-3-yl)-3-thiophenyl]benzenesulfonamide;

2-fluoro-4-[4-(3-pyridinyl)-3-thiophenyl]benzenesulfonamide;

2-fluoro-4-[4-(5-methylpyridin-3-yl)-3-thiophenyl]benzenesulfonamide;

2-fluoro-4-[4-(2-methylpyridin-3-yl)-3-thiophenyl]benzenesulfonamide;

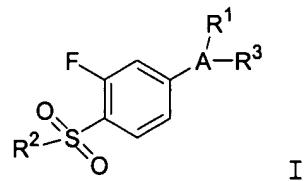
2-fluoro-4-[4-cyclohexyl-3-thiophenyl]benzenesulfonamide;

2-fluoro-4-[4-cyclopentyl-3-thiophenyl]benzenesulfonamide;

and the pharmaceutically-acceptable salts, tautomers and prodrugs thereof.

Claim 123 (cancelled).

Claim 124 (previously presented): A method of treating inflammation, said method comprising administering to the subject having or susceptible to such inflammation or inflammation-associated disorder, a therapeutically-effective amount of a compound of Formula I:



I

wherein

A is a radical selected from the group consisting of thieryl, furanone, isoxazolyl, pyrazolyl, cyclopentenyl and pyridinyl;

R¹ is cyclohexyl, pyridinyl, or phenyl, wherein said cyclohexyl, pyridinyl, and phenyl is optionally substituted with one, two or three radicals selected from the group consisting of C₁₋₂-alkyl, C₁₋₂-haloalkyl, cyano, carboxyl, C₁₋₂-alkoxycarbonyl, hydroxyl, C₁₋₂-hydroxyalkyl, C₁₋₂-haloalkoxy, amino, C₁₋₂-alkylamino, phenylamino, nitro, C₁₋₂-alkoxy-C₁₋₂-alkyl, C₁₋₂-alkylsulfinyl, halo, C₁₋₂-alkoxy and C₁₋₃-alkylthio;

R² is methyl or amino; and

R³ represents one or more radicals selected from the group consisting of hydrido, halo, C₁₋₂-alkyl, C₂₋₃-alkenyl, C₂₋₃-alkynyl, oxo, cyano, carboxyl, cyano-C₁₋₃-alkyl, (5- or 6- member ring heterocycl)oxy, C₁₋₃-alkoxy, C₁₋₃-alkylthio, C₁₋₃-alkylcarbonyl, C₃₋₆-cycloalkyl, phenyl, C₁₋₃-haloalkyl, 5- or 6- member ring heterocycl, C₃₋₆-cycloalkenyl, phenyl-C₁₋₃-alkyl, (5- or 6- member ring heterocycl)-C₁₋₃-alkyl, C₁₋₃-alkylthio-C₁₋₃-alkyl, C₁₋₃-hydroxyalkyl, C₁₋₃-alkoxycarbonyl, phenylcarbonyl, phenyl-C₁₋₃-alkylcarbonyl, phenyl-C₂₋₃-alkenyl, C₁₋₃-alkoxy-C₁₋₃-alkyl, phenylthio-C₁₋₃-alkyl, phenyloxy-C₁₋₃-alkyl, C₁₋₃-alkoxyphenyl-C₁₋₃-alkoxy-C₁₋₃-alkyl, C₁₋₃-alkoxycarbonyl-C₁₋₃-alkyl, aminocarbonyl, aminocarbonyl-C₁₋₃-alkyl, C₁₋₃-alkylaminocarbonyl, N-phenylaminocarbonyl, N-(C₁₋₃-alkyl)-N-phenylaminocarbonyl, C₁₋₃-alkylaminocarbonyl-C₁₋₃-alkyl, carboxy-C₁₋₃-alkyl, C₁₋₃-alkylamino, N-phenylamino, N-(phenyl-C₁₋₃-alkyl)amino, N-

(C₁₋₃-alkyl)-N-(phenyl-C₁₋₃-alkyl)amino, N-(C₁₋₃-alkyl)-N-phenylamino, amino-C₁₋₃-alkyl, C₁₋₃-alkylamino-C₁₋₃-alkyl, N-phenylamino-C₁₋₃-alkyl, N-phenyl-C₁₋₃-alkylamino-C₁₋₃-alkyl, N-(C₁₋₃-alkyl)-N-phenyl-C₁₋₃-alkylamino-C₁₋₃-alkyl, N-(C₁₋₃-alkyl)-N-phenylamino-C₁₋₃-alkyl, phenyloxy, phenyl-C₁₋₃-alkoxy, phenylthio, phenyl-C₁₋₃-alkylthio, C₁₋₃-alkylsulfinyl, C₁₋₃-alkylsulfonyl, aminosulfonyl, C₁₋₃-alkylaminosulfonyl, N-phenylaminosulfonyl, phenylsulfonyl, and N-(C₁₋₃-alkyl)-N-phenylaminosulfonyl;

or a pharmaceutically-acceptable salt, tautomer or prodrug thereof.

Claim 125 (new) : The method of Claim 124 for use in the treatment of an inflammation-associated disorder.

Claim 126 (new) : The method of Claim 125 wherein the inflammation-associated disorder is arthritis.

Claim 127 (new) : The method of Claim 125 wherein the inflammation-associated disorder is pain.

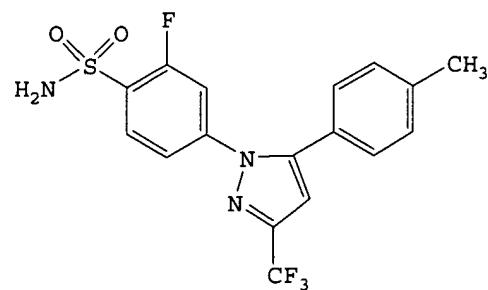
Claim 128 (new) : The method of Claim 125 wherein the inflammation-associated disorder is fever.

Claim 129 (new) : A method of treating cancer, said method comprising administering to the subject having or susceptible to such cancer, a therapeutically-effective amount of a compound of Claim 7.

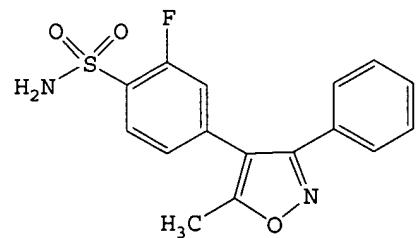
Claim 130 (new) : The method of Claim 129 wherein the compound is administered intravenously.

Claim 131 (new) : The method of Claim 129 wherein the compound is administered intramuscularly.

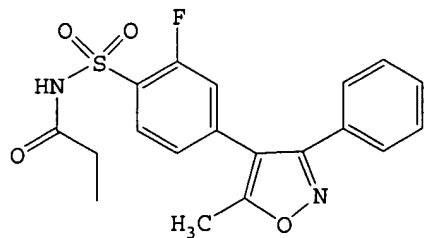
Claim 132 (new) : The compound of claim 7 wherein the compound is



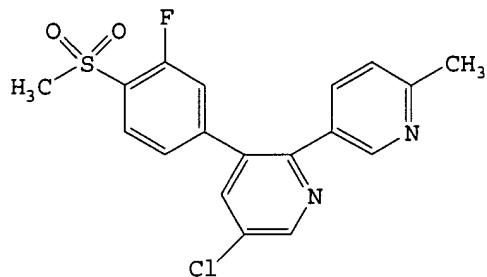
Claim 133 (new) : The compound of claim 7 wherein the compound is



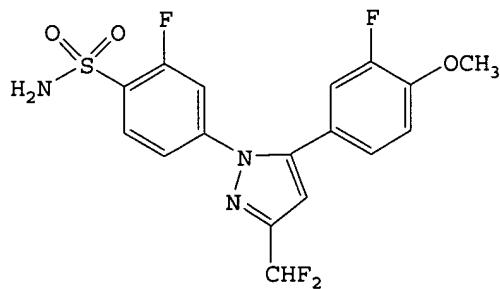
Claim 134 (new) : The compound of claim 7 wherein the compound is



Claim 135 (new) : The compound of claim 7 wherein the compound is



Claim 136 (new) : The compound of claim 7 wherein the compound is



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Claim 137 (new): The compound of claim 7 wherein the compound is

